

ORG 8923



HEIL TRAILER INTERNATIONAL, CO.

1125 CONGRESS PARKWAY, ATHENS, TN 37303 • PHONE (423) 745-5830 • FAX (423) 745-5863

Aug 7, 2013

Administrator
National Highway Traffic Safety Administration
1200 New Jersey Avenue, SE
Washington, DC 20590
Attention: VIN Coordinator

Dear Sir/Madam:

Consistent with 49CFR565.16(c), would you please find enclosed information drawing 701-7731 for deciphering VIN characters on behalf of Heil Trailer International. This is an update to our current file.

Specifically, the single change to the previous drawing on file is the amendment to the definition of position 11: manufacturing plant location. This is noted in the revision "B" delta. Previous revisions of our drawing reference only characters 5, 7, 9 for Rhome, TX; Athens, TN; and Lancaster, PA, respectively. We are adding character (3) for Juarez, MX.

Should there be questions regarding this amendment to our drawing, please feel free to contact me at any time at the email below.

Thank you very much for your assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Bryan Yielding", written in a cursive style.

Bryan Yielding
Vice President
Heil Trailer International
bryan.yielding@heiltrailer.com
www.heiltrailer.com

701A7731

FMVSS 115

THE VIN NO. CONSISTS OF 17 CHARACTERS.
LISTED BELOW IS A DESCRIPTION OF THE
CHARACTERS IN EACH POSITION ADOPTED
BY HEIL TRAILER INTERNATIONAL, INC.

- 1 HEIL TRAILER INTERNATIONAL
2 WORLD MANUFACTURER IDENTIFIER, 5HT
3
4 TRAILER TYPE
5 BODY SHAPE
6 VEHICLE LENGTH IN TENS
7 VEHICLE LENGTH IN ONES
8 AXLE CONFIGURATION
9 DOT CHECK DIGIT (SEE EXAMPLE)
10 YEAR OF MANUFACTURE
11 PLANT OF MANUFACTURE
12 CAPACITIES
13
14
15 FIVE DIGIT SERIAL NO.
16
17

NOTE: THE FOLLOWING ALPHABETIC CHARACTERS
ARE NOT TO BE USED - I,O,Q

VALUE TABLE					
A=1	J=1	T=3			
B=2	K=2	U=4			
C=3	L=3	V=5			
D=4	M=4	W=6			
E=5	N=5	X=7			
F=6	P=7	Y=8			
G=7	R=9	Z=9			
H=8	S=2				

POSITION 4 TRAILER TYPE	
A	TANK AL 306/406
B	TANK CS 306/406
C	TANK SS 306/406
D	TANK AL 307/407
E	TANK CS 307/407
F	TANK SS 307/407
G	TANK AL 312/412
H	TANK CS 312/412
J	TANK SS 312/412
K	TANK SS 307-312/407-412
L	TANK AL ASPHALT
M	TANK CS ASPHALT
N	TANK AL NON SPEC.
P	TANK CS NON SPEC.
R	TANK SS NON SPEC.
S	BULKER AL PNEUMATIC
T	BULKER CS PNEUMATIC
U	BULKER SS PNEUMATIC
V	DOLLY
Z	OTHER

POSITION 5 BODY SHAPE	
A	STRAIGHT CYLINDER
B	STRAIGHT ELLIPTICAL
C	DROP FRAME CYLINDER
D	DROP FRAME ELLIPTICAL
E	ROUND TAPERED FRONT
F	ELLIPTICAL TAPERED FRONT
G	ROUND TAPERED ENDS
H	ELLIPTICAL TAPERED ENDS
J	ROUND DOUBLE SLOPING
K	ROUND SINGLE CONICAL
L	ROUND DOUBLE CONICAL
M	ELLIPTICAL DOUBLE TAPERED
N	JET
P	FLO
R	OTHER

POSITION 6 & 7 VEHICLE LENGTH (FT)	
LENGTH OF TRAILER TO NEAREST FOOT.	

POSITION 8 AXLE CONFIGURATION	
1	1 AXLE
2	2 AXLES
3	3 AXLES
4	4 AXLES
5	5 AXLES
6	6 AXLES
7	7 AXLES
8	8 AXLES

POSITION 10 YEAR OF MANUFACTURE			
S	1995	5	2005
T	1996	6	2006
V	1997	7	2007
W	1998	8	2008
X	1999	9	2009
Y	2000	A	2010
1	2001	B	2011
2	2002	C	2012
3	2003	D	2013
4	2004	E	2014

POSITION 11 HEIL MFG PLANT	
3	JUAREZ, MX
5	RHOM, TX
7	ATHENS, TN
9	LANCASTER, PA

POSITION 9 DOT CHECK DIGIT																	
EXAMPLE CALCULATION																	
ALUM DOT 406 TANK, STR. ELL., 42' LONG, 9500 GAL WITH 2 AXLES, BUILT IN 1996 AT ATHENS.																	
POSITION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
VIN	5	H	T	A	B	4	2	2	[2]	T	7	H	5	9	1	5	1
VALUE	5	8	3	1	2	4	2	2		3	7	8	5	9	1	5	1
MULTIPLY BY	8	7	6	5	4	3	2	10		9	8	7	6	5	4	3	2
VIN	40+56+18+5+8+12+4+20+27+56+56+30+45+4+15+2=398																
CHECK DIGIT	$= \frac{398}{11} = 36 \frac{2}{11} = [2]$																

NOTE:
IF REMAINDER IS 10, USE LETTER "X" FOR CHECK DIGIT.
IF THERE IS NO REMAINDER, USE 0 FOR CHECK DIGIT.

POSITION 13 THRU 17 FIVE DIGIT SERIAL NO.	
EACH MFG PLANT SHOWN IN POSITION 11 WILL START WITH A FIVE DIGIT NUMBER OF THEIR CHOICE. SUCCEEDING UNITS BUILT WILL BE NUMBERED IN NUMERICAL SEQUENCE A VIN SHALL NOT BE DUPLICATED FOR 30 YEARS FROM START OF VIN CODE USE.	

POSITION 12 CAPACITIES			
TANKS—GAL		DRY BULK—CU.FT.	
A	0—2999	R	UP TO 600
B	3000—3999	S	600—899
C	4000—4999	T	900—1199
D	5000—5999	U	1200—1499
E	6000—6999	V	1500—1599
F	7000—7999	W	1600—2000
G	8000—8999	X	OVER 2000
H	9000—9999		
J	10,000—10,999		
K	11,000—11,999		
L	12,000 & OVER		
M	OTHER		

ECO # 4198

B	ADDED 3 JUAREZ MEXICO	08/7/13	27415
A	DELETED INC. FROM COMPANY NAME.	10/27/95	4688
REV.	WAS	DATE	ECO No.

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LINEAR .XX = ± 0.06 .XXX = ± 0.030 ANGULAR = ± 1°		APPR BY: C		TITLE: VEHICLE IDENTIFICATION NUMBER (V.I.N.)			
MATERIAL:		DATE: 06/13/95		SCALE: 1=2		DRAWN BY: KSD	
						DRAWING No. 701A7731	